

## MANUAL OF PATENT EXAMINING PROCEDURE

Form PT	O-1449	Docket Number (Opti	Application Number							
			0152.00420	10/001,4	10/001,489					
INFORMATION DISCLOSURE CITATION IN AN APPLICATION				Applicant Abdul Malik						
				Filing Date Group Art Uni						
(Use several sheets if necessary)			10/23/01 Unknown 1723							
U.S. PATENT DOCUMENTS										
EXAMINER DOCUMENT NUMBER D		DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE			
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FOREIGN PATENT DOCUMENTS										
DOCKET NUMBER		DATE		COUNTRY	CLASS	SUBCLASS	TRANSLATION			
	DOOKET NOWIBER				OLAGG	GOBOLAGG	YES	NO		
	OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)									
EGT										
E67		An, M.; Haig, T.; Hatfield, P. <i>J. Chromatographia</i> 27, 031-033 (1909).								
Ect	Arkles, B.; S	Arkles, B.; Steinmetz, J.R.; Zazyczny, J.; and Mehta, P. in <i>Silicon Compounds: Register and Review</i> , Huls, 1991, pp.65-73.								
EC		Arthur, C.L.; Killam, L.M.; Buchcholz, K.D.; Pawliszyn, J.; Berg, J. <i>Anal. Chem.</i> 1992,								
EGT	<i>64</i> , 1960-66.	<i>64</i> , 1960-66.								
E6T		Arthur, C.L.; Killam, L.M.; Motlagh, S.; Potter, D.W.; Pawliszyn J. <i>Environ. Sci. Technol.</i> 1992, 26, 979-83								
E6+	Arthur, C.L.; F	Arthur, C.L.; Pawliszyn, J. Anal. Chem. 1990, 62, 2145-2148.								
E6T	Arthur, C.L.; F	Arthur, C.L.; Potter, D.W.; Buchholz, K.D.; Pawliszyn, J. LC.GC. 1992, 10, 656-61								
E6t	Atik, M.; Luna 8, 517-522.	Atik, M.; Luna, F.P.; Messaddeq, S.H.; Aegerter, M.A. J. Sol. gel. Sci. Technol. 1997, 8, 517-522.								
EGT	Augusto, F.; k	Augusto, F.; Koziel, J.; Pawliszyn, J. Anal. Chem. 2001, 73, 481-486.								
E6+		Aylott, J.W.; Richardson, D.J.; Russell, D.A. Chem. Mater. 1997, 9, 2261-2263.								
E6+	Ballesteros, E	Ballesteros, E.; Cardenas, S.; Gallego, M.; Valcarcel, M. Anal Chem. 1994, 66, 628-								
	Bartle, K.D.; Woolley, C.L.; Markides, K.E.; Lee, M.L.; Hanse, R.S. <i>J. High Resolut</i>									
EGT	Chromatogr./Chromatogr. Commun 1987, 10, 128-136.									
E6+	Berezkin, V.G	Berezkin, V.G.; Gavrichev, V.S.; Malik, A. J. Liq. Chromatogr. 1987, 10, 1707-1726.								
EG+		Blomberg, L.G. <i>J. Microcol. Sep.</i> 1990, <i>2</i> , 62-68.								
561		Blomberg, L; Wannman, T. <i>J. Chromatogr.</i> 1978, 148, 379-387.								
E61	Blum, W. <i>J. H</i>	Blum, W. J. High Resolut. Chromatogr./Chromatogr. Commun. 1986, 2, 350-355.								
E6+		Bouche, J.; Verzele, M. J. Gas Chromatogr. 1968, 6, 501-505.								
E6T		Buchholz, K.D.; Pawlyszyn, J. Anal. Chem. 1994, 66, 160-167.								
E61		Buldt, A.; Karst, U. Anal. Chem. 1999, 71, 1893-1898.								
				weiler, HM.; M	inakuchi	, H.; Naka	nishi, K	ચ. High		
E6+		Resol. Chromatogr. 2000, 23, 93-99.								
E6+		Chaput, F.; Dunn, B.; Fuqua, P.; Salloux, K. <i>J. Non. Cryst. Solids.</i> 1995, 188, 11-18.  Chen, Z.; Hobo, T. <i>Anal. Chem.</i> 2001, 73, 3348-3357.								
E 6j	Crien, Z.; Hob	<u>io, T. Anal</u>	. Unem. Z	(001, 73, 3348-3	<i>5</i> 5 / ,	RFC	FIVE	<del></del>		

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	Sheet 2 of 8 Sheets 10/001,489						
	Skeet 2 of 8 Sheets 10/001, 487 Chong, S.L.; Wang, DX.; Hayes, J.D.; Wilhite, B.W.; Malik, A. Anal. Chem. 1997, 69, 3889-3898.						
A TAI	Chong, S.L.; Wang, DX.; Hayes, J.D.; Wilhite, B.W.; Malik, A. Anal. Chem. 1997, 69,						
BET	3889-3898.						
• 1	Cortes, H.J.; Pfeiffer, C.D.; Richter, B.E.; Stevens, T.S. J. High. Hesolut. Chromatogr./						
<b>E6T</b>	Chromatogr. Commun. 1987, 10, 446-448.						
E6T	de Fatima Alpendurada, M. J. Chromatogr. A 2000, 889, 3-14.						
E64	de Jong, C.; Badings, H. J. High Resolut. Chromatogr. 1990, 13, 94-98.						
EGT	de Nijs; R.C.M.; Franken, J.J.; Dooper, R.P.M.; Rijks, J.A.; de Ruwe, J.J.J.M.; Schulting, F.L. <i>J. Chromatogr.</i> 1978, 167, 231-242.						
EG-	Dislich, H. in Sol-gel Technology for This Films, Fibers, Performs, Electronics, and Specialty Shapes, (L.C. Klein ed., Noyes Publications, Park Ridge, NJ, USA, 1988), pp. 50-79.						
E6T	Doesey, J.G.; Lister, A.S.; Wright, P.B.; Wendelken, S.C.; Chester, T.L. <i>Proc.</i> 19 <sup>th</sup> International Symposium on Capillary Chromatography and Electrophoresis,  Wintergrap VA USA May 18,22, 1007, pp. 62,62						
$\vdash$	Wintergree, VA, USA, May 18-22, 1997, pp. 62-63.						
BGT POT	Dulay, M.T.; Kulkami, R.P.; Zare, R.N. <i>Anal. Chem.</i> 1998, <i>70</i> , 5103-5107.						
EOT	Dutoit, D.C.; Schneider, M.; Baiker, A. <i>J. Catal.</i> 1995, <i>153</i> , 165-176.						
EGT	Eisert, R.; Pawliszyn, J. <i>Anal. Chem.</i> 1997, <i>69</i> , 3140-3147.						
EGT	Engelhardt, H.; Cunat-Walter, M.A. <i>J. Chromatogr.</i> 1995, 716, 27-33.						
E6+	Fabes, B.D.; Uhlmann D.R. <i>J. Am. Ceram. Soc.</i> 1990, <i>73</i> , 978-988.						
EGT	Fields, S.M. Anal. Chem. 1996, 68, 2709-2712.						
EGT	Fujimoto, C. J. High Resol. Chromatogr. 2000, 23, 89-92.						
E6T	Gbatu, T.P.; Sutton, K.L.; Caruso, J.A. <i>Anal. Chim. Acta</i> 1999, <i>402</i> , 67-79.						
EGT	Gou Y.; Pawliszyn, J. Anal. Chem. 2000, 72, 2774-2779.						
EGT	Gou, Y.; Eisert, R.; Pawliszyn, J. J. Chromatogr. A 2000, 873, 137-147.						
E6T	Gou, Y.; Tragas, C.; Lord, H.; Pawliszyn, J. <i>J. Micro Sep.</i> 2000, <i>12</i> , 125-134.						
EGT	Grob, K. Jr.; Grob, G.; Grob, K.; 1978, 156, 1-20.						
EGT	Grob, K.; Grob, G.; Blum, W.; Walther, W. J. Chromatogr. 1982, 244, 197-204.						
EGH	Guo, Y.; Colon, L.A. Anal. Chem. 1995, 67, 2511-2516.						
EC/	Guo, Y.; Colon, L.A. <i>Chromatographia</i> 1996, <i>43</i> , 477-483.						
EGT	Guo, Y.; Colon, L.A. <i>J. Microcol. Sep.</i> 1995, 7, 485-491.						
E6+	Guo, Y.; Imahori, G.A.; Colon, L.A. <i>J. Chromatogr. A.</i> 1996, 744, 17-29.						
E6+	Hawthorne, S.B.; <i>Anal. Chem.</i> 1990, 62, 633A-642A.						
E6T	Hayes, J.D.; Malik, A. <i>Anal. Chem.</i> 2000, <i>72</i> , 4090-4099.						
E6T	Hayes, J.D.; Malik, A. Anal. Chem. 2001, 73, 987-996.						
EGT	Hayes, J.D., Wallk, A. J. Chromatogr. B 1997, 695, 3-13.						
E6+	Hirata, Y.; Pawiiszyn, J. J. Microcolumn Sep. 1994, 6, 443-447.						
E6+	Hayes, J.D.; Malik, A. <i>J. Chromatogr. B</i> 1997, <i>695</i> , 3-13.  Hirata, Y.; Pawliszyn, J. <i>J. Microcolumn Sep.</i> 1994, 6, 443-447.  In, M.; Gerardin, C.; Lambard, J.; Sanchez, C. <i>J. Sol. gel. Sci. Technol.</i> 1995, <i>5</i> , 101-114.  Iwamoto, T.; Mackenzie, J.D. <i>J. Sol-gel Sci. Technol.</i> 1995, 4, 141-150, Janak, K.; Horka, M.; Krejci, M. <i>J. Microcol. Sep.</i> 1991, <i>3</i> , 115-120.  Jiang, Z; Zuo, Y <i>Anal. Chem.</i> 2001, <i>73</i> , 686-688.  Jinno, K.; Muramatsu, T.; Saito, Y.; Kiso, Y.; Magdic, S.; Pawliszyn J. <i>J Chromatogr. A</i> 1996, 754, 137-144						
E6T	Iwamoto, T.; Mackenzie, J.D. J. Sol-gel Sci. Technol. 1995, 4, 141-1500						
EGT	Janak, K.; Horka, M.; Krejci, M. J. Microcol. Sep. 1991, 3, 115-120.						
E6T	Jiang, Z; Zuo, Y Anal. Chem. 2001, 73, 686-688.						
E6T	71. 1000, 704, 107 144.						
E6+	Jones, S.A.; Wong, S.; Burlitch, J.M.; Viswanathan, S.; Kohlstedt, D.L. <i>Chem Mater</i> . 1997, <i>9</i> , 2567-2576.						
EST	Kataoka, H.; Lord, H.L.; Pawliszyn, J. J. Chromatogr. B 1999, 731, 353-359.						
EBT	Kataoka, H.; Narimatsu, S.; Lord, H.; Pawliszyn, J. Anal. Chem. 1999, 71, 4237-4244.						
	70.100 ash3						

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Sheet 3 of 8 Sheets

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ataoka, H.; Pawliszyn, J. Chromatographia 1999, 50, 532-538.

Wang, D.-X.; Chong, S.-L.; Malik, A. Anal. Chem. 1997, 69, 4566-4576.

**EXAMINER** 

DATE CONSIDERED

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JAN 23, 2003

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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